



MI-CW2711

Michigan Crop Weather

July 5, 2011

Dry Weather Aids Progress

Six days were suitable for fieldwork during the week ended July 3, according to the USDA, NASS, Michigan Field Office. Precipitation ranged from 0.06 inches to 0.14 inches in the Upper Peninsula and 0.06 to 0.97 inches in the Lower Peninsula. Temperatures were 1 degree above normal in the Upper Peninsula and ranged from 1 degree below normal to 2 degrees above normal in the Lower Peninsula. Warm temperatures at the end of the week, coupled with dry weather, allowed for crops to make progress. Passing thunderstorms late in the week provided hit or miss showers. Growers were busy spraying and applying fertilizer. Wheat and cherry growers were preparing for harvest to begin.

Field Crops

It was a decent week for field crop advancement as crops took advantage of warmer weather. Farmers were busy applying herbicides and fungicides. **Alfalfa** growers finished up first cutting amongst a decent window to harvest; some have moved onto the second cutting. Crop conditions have been very good. **Wheat** continued progressing toward harvest. A few fields lodged after high wind. Wind also caused minimal damage to **sugarbeets**; which are responding well to the warmer temperatures and sunshine. **Corn** and **soybeans** continued to make progress in variable stages. **Dry bean** planting was nearing completion with several acres being replanted due to drownout.

Fruit

Apple size was excellent and the crop had normal fruit set in the Grand Rapids area. Growers sprayed for apple scab protection and hand thinned some varieties. **Tart cherry** growers in the southwest applied ethephon in anticipation of harvest. There was significant localized crop damage from storms. The harvest of early varieties of **sweet cherries** was underway in the south. Juice **grapes** were pea-sized. The heavy crop will likely need to be thinned to ripen in time. Hybrids wine grapes were blooming in the northwest. **Blueberry** harvest began in the southwest. Control of alternaria and anthracnose fruit rot was a major concern. **Strawberry** harvest ended in the south; it was in full swing in the northwest. **Plums** were an inch in diameter in the south. **Peaches** were about 1.50 inches in diameter in the southwest. Red Haven harvest is anticipated to begin there at the normal time, August 4. Summer **raspberry** harvest began.

Vegetables

Vegetable crops benefited from the warm weather towards the end of this past week. Rain was needed in some areas. Growers continued to monitor for pests. So far this year, pest pressure has been light to moderate. **Asparagus** harvest was complete. **Carrot** stands were adequate but varied depending on conditions. **Tomatoes** were setting fruit and continued to be staked and tied. **Celery** was still being transplanted, while harvest of some early planted celery was beginning. The condition of the **onion** crop varied. Some fields were in good condition, while others had thin stands from excessive soil moisture this spring. Weed control is an issue for some farmers. **Peas** continued to be harvested in the southwest. Harvest of **cabbage** had started, and some transplanting was still being done. **Lettuce**, **beets**, **turnips** and **radishes** were progressing nicely and in fair to very good condition. **Vine crops** were flowering and appeared to be doing well with some thin stands from an overage of water. Warmth has spurred growth of **sweet corn**. **Snap beans** continued to progress.

Soil moisture for week ending 07/03/11

| Stratum | Very short | Short | Adequate | Surplus |
|---------|------------|---------|----------|---------|
| | Percent | Percent | Percent | Percent |
| Topsoil | 2 | 16 | 75 | 7 |
| Subsoil | 1 | 13 | 76 | 10 |

Crop condition for week ending 07/03/11

| Crop | Very poor | Poor | Fair | Good | Excellent |
|--------------|-----------|---------|---------|---------|-----------|
| | Percent | Percent | Percent | Percent | Percent |
| All Hay | 1 | 3 | 17 | 50 | 29 |
| Barley | 0 | 1 | 41 | 53 | 5 |
| Corn | 2 | 7 | 26 | 50 | 15 |
| Dry beans | 3 | 9 | 33 | 42 | 13 |
| Oats | 1 | 3 | 32 | 52 | 12 |
| Pasture | 1 | 2 | 18 | 60 | 19 |
| Soybeans | 3 | 8 | 29 | 50 | 10 |
| Winter Wheat | 2 | 5 | 20 | 56 | 17 |

Crop progress for week ending 07/03/11

| Crop | This week | Last week | Last year | 5-year average |
|------------------------------|-----------|-----------|-----------|----------------|
| | Percent | Percent | Percent | Percent |
| All hay, first cutting | 81 | 68 | 84 | 86 |
| All hay, second cutting | 8 | NA | 25 | 18 |
| Blueberries, harvested | 5 | NA | 13 | 5 |
| Dry beans, emerged | 98 | 81 | 95 | 89 |
| Oats, headed | 68 | 41 | 93 | 85 |
| Strawberries, harvested | 72 | 54 | 84 | 76 |
| Winter wheat, turning yellow | 84 | 48 | 94 | 85 |

| Michigan Weather Summary for Week Ending 07/03/11 ¹ | | | | | | | | | | | | |
|--|-------------|---------|-----------------------|---|-------|--------|---------------|----------------|-----------------|---------------|---------------|-----------|
| Station | Temperature | | | Cumulative growing degree days ² | | | Precipitation | | | | | |
| | Maximum | Minimum | Departure from normal | 2011 | 2010 | Normal | This week | Last two weeks | Last four weeks | Since April 1 | Normal | |
| | | | | | | | | | | | Since April 1 | For month |
| Ironwood | 93 | 45 | | 758 | 905 | | 0.13 | 2.23 | 3.18 | 10.06 | | |
| Marquette | 85 | 41 | | 684 | 871 | | 0.04 | 2.17 | 3.04 | 11.33 | | |
| Stephenson | 90 | 44 | | 791 | 1,046 | | 0.06 | 2.61 | 3.74 | 10.16 | | |
| Western UP | 93 | 37 | 1 | 716 | 912 | 733 | 0.06 | 2.15 | 3.20 | 9.77 | 9.68 | 3.42 |
| Cornell | 84 | 45 | | 740 | 976 | | 0.04 | 2.00 | 3.58 | 9.08 | | |
| Sault St Marie | 82 | 43 | | 696 | 889 | | 0.04 | 2.16 | 3.41 | 12.10 | | |
| Eastern UP | 84 | 43 | 1 | 668 | 868 | 586 | 0.14 | 2.40 | 3.46 | 11.21 | 9.17 | 3.19 |
| Beulah | 82 | 49 | | 902 | 1,057 | | 0.15 | 2.61 | 4.71 | 15.48 | | |
| Lake City | 86 | 43 | | 877 | 1,044 | | 0.03 | 2.18 | 4.13 | 13.10 | | |
| Old Mission | 84 | 44 | | 797 | 1,029 | | 0.00 | 1.39 | 2.99 | 10.68 | | |
| Pellston | 85 | 40 | | 805 | 1,008 | | 0.19 | 3.42 | 5.04 | 12.44 | | |
| Northwest | 86 | 40 | -1 | 817 | 1,001 | 855 | 0.07 | 2.21 | 4.13 | 12.41 | 8.75 | 2.99 |
| Alpena | 90 | 45 | | 759 | 977 | | 0.19 | 3.07 | 4.85 | 14.42 | | |
| Houghton Lake | 88 | 43 | | 933 | 1,102 | | 0.01 | 1.86 | 2.73 | 11.43 | | |
| Rogers City | 84 | 48 | | 650 | 896 | | 0.04 | 3.29 | 5.26 | 11.62 | | |
| Northeast | 90 | 43 | 0 | 808 | 1,024 | 816 | 0.13 | 2.62 | 4.10 | 12.43 | 8.62 | 3.18 |
| Fremont | 84 | 51 | | 1,013 | 1,188 | | 0.67 | 3.20 | 6.14 | 13.18 | | |
| Hart | 82 | 47 | | 920 | 1,109 | | 1.20 | 3.48 | 4.42 | 10.31 | | |
| Muskegon | 84 | 53 | | 1,090 | 1,248 | | 0.72 | 1.99 | 3.40 | 11.16 | | |
| West Central | 84 | 47 | -1 | 975 | 1,158 | 956 | 0.97 | 3.10 | 5.36 | 12.27 | 9.17 | 2.54 |
| Alma | 91 | 52 | | 985 | 1,234 | | 0.03 | 4.06 | 4.78 | 14.39 | | |
| Big Rapids | 87 | 48 | | 929 | 1,141 | | 0.18 | 2.95 | 4.00 | 16.17 | | |
| Vestaburg | 0 | 0 | | 0 | 0 | | 0.00 | 0.00 | 0.00 | 0.00 | | |
| Central | 91 | 48 | 0 | 978 | 1,186 | 1,013 | 0.07 | 2.71 | 3.62 | 12.77 | 9.63 | 2.97 |
| Bad Axe | 94 | 52 | | 911 | 1,132 | | 0.57 | 3.00 | 3.55 | 13.87 | | |
| Pigeon | 90 | 49 | | 936 | 1,138 | | 0.70 | 2.94 | 3.76 | 11.92 | | |
| Port Sanilac | NA | NA | | | | | 0.00 | 0.00 | 0.00 | 0.00 | | |
| Saginaw | 93 | 54 | | 1,071 | 1,300 | | 0.01 | 3.74 | 4.56 | 14.49 | | |
| Standish | 91 | 37 | | 880 | 1,101 | | 1.01 | 3.59 | 4.68 | 14.47 | | |
| East Central | 94 | 37 | -1 | 910 | 1,167 | 993 | 0.37 | 3.00 | 3.70 | 13.98 | 8.62 | 2.92 |
| Fennville | 88 | 51 | | 1,033 | 1,215 | | 0.62 | 1.77 | 3.18 | 13.37 | | |
| Grand Rapids | 89 | 54 | | 1,168 | 1,357 | | 0.45 | 2.67 | 3.69 | 15.67 | | |
| Holland | 88 | 54 | | 1,553 | 1,359 | | 1.53 | 3.08 | 4.50 | 16.85 | | |
| Paw Paw | 0 | 0 | | 0 | 0 | | 0.00 | 0.00 | 0.00 | 0.00 | | |
| South Bend, IN | 93 | 56 | | 1,254 | 1,396 | | 0.60 | 1.30 | 5.29 | 20.46 | | |
| Watervliet | 88 | 53 | | 1,134 | 1,311 | | 0.71 | 1.97 | 3.39 | 14.67 | | |
| Southwest | 93 | 48 | -1 | 1,153 | 1,316 | 1,089 | 0.82 | 2.42 | 4.18 | 15.47 | 10.42 | 3.09 |
| Belding | 87 | 48 | | 1,016 | 1,206 | | 0.00 | 2.37 | 3.07 | 13.55 | | |
| Coldwater | 94 | 53 | | 1,191 | 1,373 | | 0.14 | 0.82 | 1.55 | 11.27 | | |
| Lansing | 94 | 53 | | 1,100 | 1,321 | | 0.00 | 0.97 | 1.85 | 14.55 | | |
| South Central | 94 | 48 | 0 | 1,072 | 1,284 | 1,087 | 0.06 | 1.39 | 2.47 | 14.15 | 10.23 | 3.22 |
| Detroit | 99 | 58 | | 1,244 | 1,435 | | 1.56 | 1.91 | 2.50 | 13.48 | | |
| Flint | 96 | 51 | | 1,140 | 1,317 | | 0.02 | 1.60 | 2.31 | 15.71 | | |
| Romeo | 95 | 53 | | 1,048 | 1,240 | | 0.57 | 1.57 | 2.12 | 14.50 | | |
| Tipton | 97 | 53 | | 1,143 | 1,310 | | 0.00 | 0.75 | 2.35 | 13.83 | | |
| Toledo, OH | 95 | 54 | | 1,148 | 1,471 | | 0.29 | 1.15 | 1.84 | 12.66 | | |
| Southeast | 100 | 49 | 2 | 1,130 | 1,355 | 1,055 | 0.28 | 1.02 | 1.83 | 12.76 | 9.91 | 3.11 |

¹ Issued by the USDA, NASS, Michigan Field Office in cooperation with the U.S. Department of Commerce, Michigan State University Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

² Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from April 1.